Stanford

Theo Schutt

Ph.D. Student in Physics, admitted Autumn 2020

Bio

LINKS

- Personal Website: https://theoschutt.github.io/

Publications

PUBLICATIONS

- **NSF-DOE Vera C. Rubin Observatory Observations of Interstellar Comet 3I/ATLAS (C/2025 N1)** *ASTROPHYSICAL JOURNAL LETTERS*
  Chandler, C., Bernardinelli, P. H., Juric, M., Singh, D., Hsieh, H. H., Sullivan, I., Jones, R., Kurlander, J. A., Vavilov, D., Eggl, S., Holman, M., Spoto, F., Schwamb, et al
  2026; 1001 (2)

- **New temperature inversion estimator to detect CMB patchy screening by large-scale structure (vol. 109, 103539, 2024)** *PHYSICAL REVIEW D*
  Schutt, T., Maniyar, A. S., Schaan, E., Coulton, W. R., Mishra, N.
  2025; 112 (6)

- **High-significance detection of correlation between the unresolved gamma-ray background and the large-scale cosmic structure** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*
  Thakore, B., Negro, M., Regis, M., Camera, S., Gruen, D., Fornengo, N., Roodman, A., Porredon, A., Schutt, T., Cuoco, A., Alarcon, A., Amon, A., Bechtol, et al
  2025

- **New temperature inversion estimator to detect CMB patchy screening by large-scale structure** *PHYSICAL REVIEW D*
  Schutt, T., Maniyar, A. S., Schaan, E., Coulton, W. R., Mishra, N.
  2024; 109 (10)

- **LSST Camera Focal Plane Optimization**
  Utsumi, Y., Antilogus, P., Astier, P., Banovetz, J., Bradshaw, A. K., Bregeon, J., Broughton, A., Chiang, J., Combet, C., Dargaud, G., Digel, S. W., Esteves, J., Guillemin, et al
  edited by Holland, A. D., Minoglou, K.
  SPIE-INT SOC OPTICAL ENGINEERING.2024

- **Photometry, Centroid and Point-spread Function Measurements in the LSST Camera Focal Plane Using Artificial Stars** *PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC*
  Esteves, J. H., Utsumi, Y., Snyder, A., Schutt, T., Broughton, A., Trbalic, B., Mau, S., Rasmussen, A., Malagon, A., Bradshaw, A., Marshall, S., Digel, S., Chiang, et al
  2023; 135 (1053)